

## FC-1001-PSE

10/100/1000Base-T to 100/1000Base-X SFP Media Converter with PoE+ 30W PSE

The FC-1001-PSE is a Gigabit Ethernet 10/100/1000Base-T to 100/1000Base-X non-managed stand-alone media converter, equipped with DIP switches for configuration options. The SFP slot allows both Gigabit and Fast Ethernet operation and can take any type of SFP: multi-mode, single-mode, CWDM or DWDM as well as BiDi which allows bi-directional transmissions using only a single fiber strand cable. DIP sw allow setting of fiber port speed, LFP function or transparent or switching converter mode. LED indicators signal the power status, UTP and FX ports speed and Link status of each port. A built-in optics SC based version is also available.

### Features

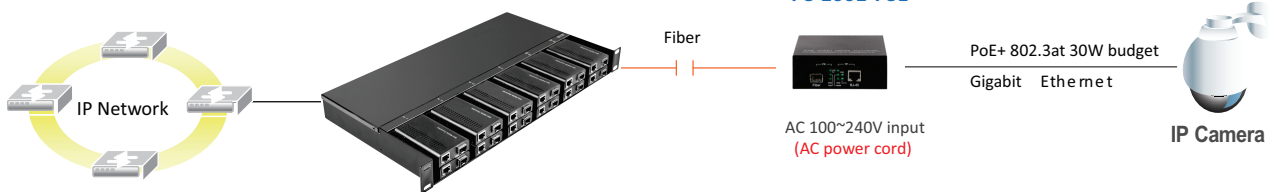
- 10/100/1000Base-T to 100/1000Base-X SFP Converter
- DIP settings for fiber speed, LFP functions and PoE type
- Forward 2048 bytes (Max.) packets in switch mode
- Forward 9Kbytes Jumbo packets in transparent converter mode
- Auto-Negotiation & Auto MDI/MDI-X
- Supports Q in Q double tagged frame transparent
- Supports IEEE 802.1Q Tag VLAN pass thru
- choice of SFP, SC, BiDi or other connectors for MMF and SMF

### Specifications

Optical Interface	Connector	SFP slot or 1x9 SC optical port
	Data rate	1.25G (GE) or 155M (FE)
	Duplex mode	Full duplex
	Fiber	MM 50/125µm, 62.5/125µm or SM 9/125µm
	Distance	Depending on SFP used
	Wavelength	Depending on SFP used MM 1310nm, SM 1310,1550nm WDM 1310Tx/1550Rx (Type A) 1550Tx/1310Rx (Type B)
Electrical Interface	Connector	RJ-45
	Data rate	10Mbps, 100Mbps, 1000Mbps
	Duplex mode	Full duplex
	Cable	100Base-TX Cat.5, 5e or higher 1000Base-T Cat.5, 5e or higher

Standards	IEEE 802.3, 802.3u, 802.3Z, 802.3ab
Indications	LED (Power, FX Link, SPD, TP Link)
Power Input	AC 100 ~ 240V, 47-63Hz, AC power cord included
PoE specs	54VDC voltage output, short and overload protection Pin polarity 1/2 (V+),3/6 (V-); IEEE 802.3at
Power Consumption	< 5W with no PSE, 35.4W at max load PoE+ (802.3at)
Dimensions (D x W x H)	140 x 110 x 40mm (SFP transceiver and AC power cord not included)
Weight	Converter : 560g
Temperature	0 ~ 50°C (Operating), -20 ~ 85°C (Storage)
Humidity	10 ~ 90% non-condensing
Certification	CE, FCC
MTBF	65,000 hrs

### Application



LFC-CH12 Chassis

### Ordering Information

Model Name	Description
FC-1001-PSE	10/100/1000Base-T to 100/1000Base-X SFP slot, non-managed Media Converter PSE 30W
FC-1001-PSE-MMSC	10/100/1000Base-T to 1000Base-FX, 850nm, 550m, MMF, SC, non-managed Media Converter PSE 30W
FC-1001-PSE-SM20SC	10/100/1000Base-T to 1000Base-FX, 1310nm, 20Km, SMF, SC, non-managed Media Converter PSE 30W